

How

do you connect your Apple Internet Server Solution to the World Wide Web?

With the new Apple Internet Server Solution for the World Wide Web, Apple has brought together all the major software components you need to create a Web presence for your organization. These software components are bundled with special configurations of the Workgroup Server 6150/66, 8150/110, and 9150/120.

How you use your Apple Internet Server Solution will determine the type of connectivity services you need. Your server can be connected to any TCP/IP network, including the Internet. It can be used to publish data to your organization only, or to the entire world.

IP Address Required

Every Workgroup Server on the Web will need a unique Internet Protocol (IP) address. Each server ships with Mac OS[™] System 7.5, which includes MacTCP. MacTCP, which installs as a control panel in your server's system folder, provides

compatibility for your server on TCP/IP-based networks.

If you are installing your Workgroup Server on a local-area network, you can obtain your IP address from your network administrator.

If you are connecting your Workgroup Server directly to the Internet, you will need the services of an Internet Service Provider.

Internet Service Providers

Internet Service Providers are available worldwide. For the provider nearest you, please contact your Apple representative.

For a fee, an Internet Service Provider can typically provide the following services:

- obtain your IP address(es)
- provide direct connection to the Internet
- register your domain name
- provide both primary and secondary domain name server (DNS) services (in some cases)
- consult on issues such as network configuration, security, etc.
- work with your local telecommunications provider

If you are establishing an account with an Internet Service Provider, you will need some type of telecommunications connection (circuit) to that provider. There are several kinds of circuits available, each with a different data capacity and price.

The Apple Internet Server Solution is a virtual "WWW server in a box"—an all in one solution that consists of a Workgroup Server and a CD-ROM that contains the software you need to establish a presence on the Web.



Choosing the Circuit

Dial-up circuits (such as a standard phone line) are the least expensive circuit.

Today's modem speeds allow data transfer speeds of up to 28.8 kilobits per second. With data compression, some modems can provide consistent speeds up to 40 kilobits per second. This speed may be acceptable for your server.

In general, however, a dial-up line is not recommended when you provide Internet service (a World Wide Web site, for example). Higher speed, dedicated circuits are often used. Dedicated lines can provide the fast transmission of complex images, sounds, and movies, and are typically used for Internet servers that provide 24-hour, 7-day-a-week service.

There are many choices of dedicated circuits. In the U.S., the slowest speed is usually 56 kilobits per second, followed by ISDN (two 64 kilobits per second channels), T1 (1.544 megabits per second), and

T3 (46 megabits per second). These circuits are digital circuits, and require special equipment on your site.

Your local telephone company can provide these lines, and generally your Internet Service Provider will work with you and the telephone company to assist you in choosing and installing the appropriate circuit.

For More Information

For more information on the Apple Internet Server Solution for the World Wide Web, please call Apple at (408) 862-3385 or check out the Apple Networking Products page on the WWW at <http://abs.apple.com>

For faxed information about Apple networking products, call 1-800-776-2333.

If you live outside the U.S., please call your regional Apple office.